

FIG. 1

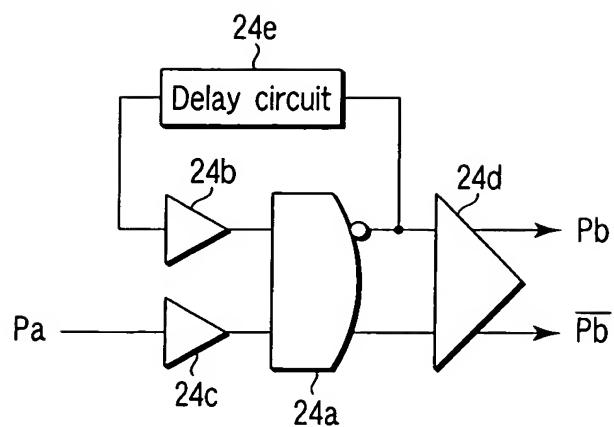


FIG. 2

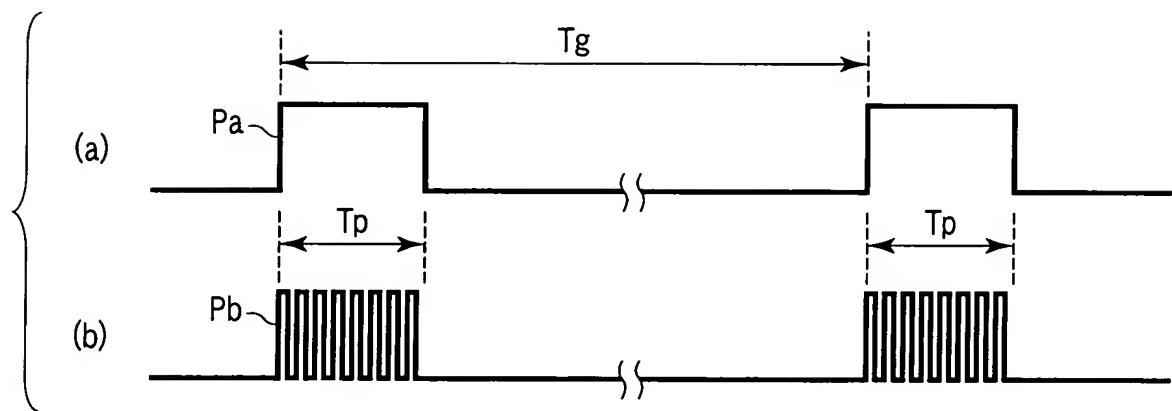


FIG. 3

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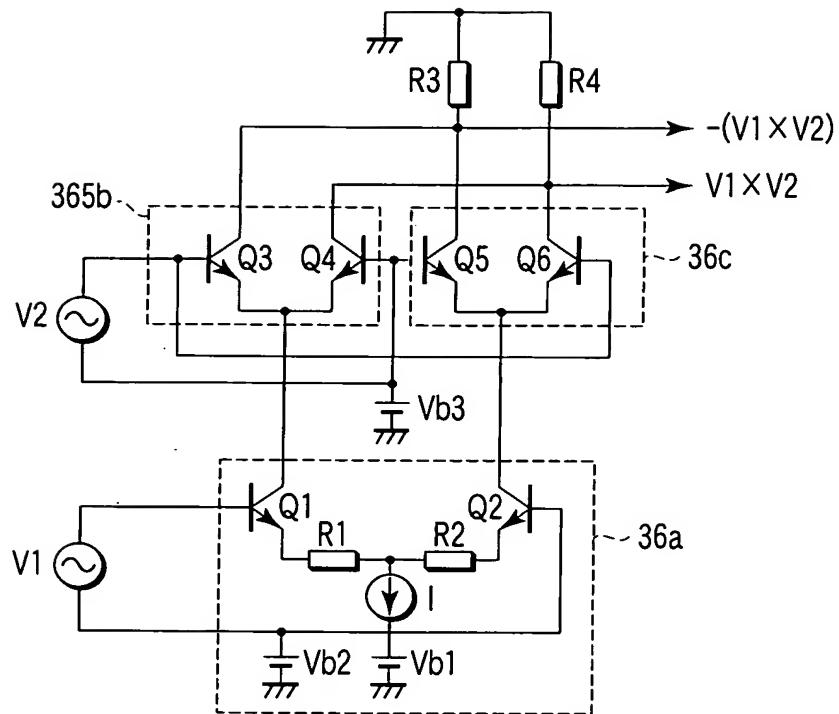


FIG. 4

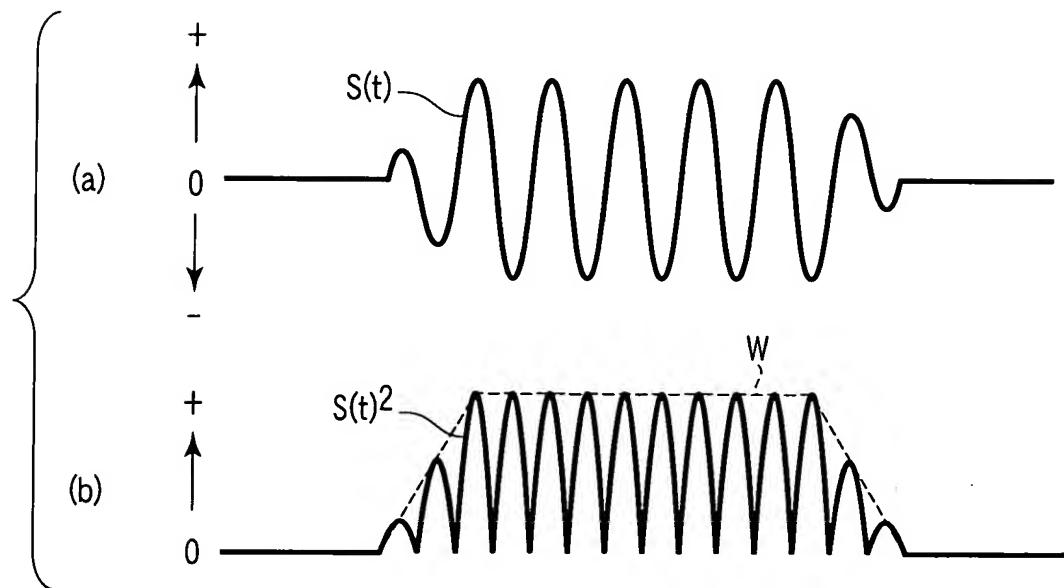


FIG. 5

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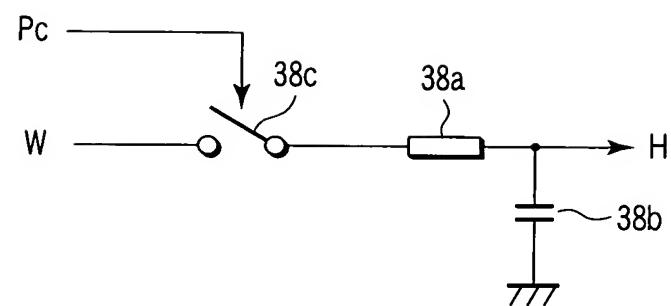


FIG. 6

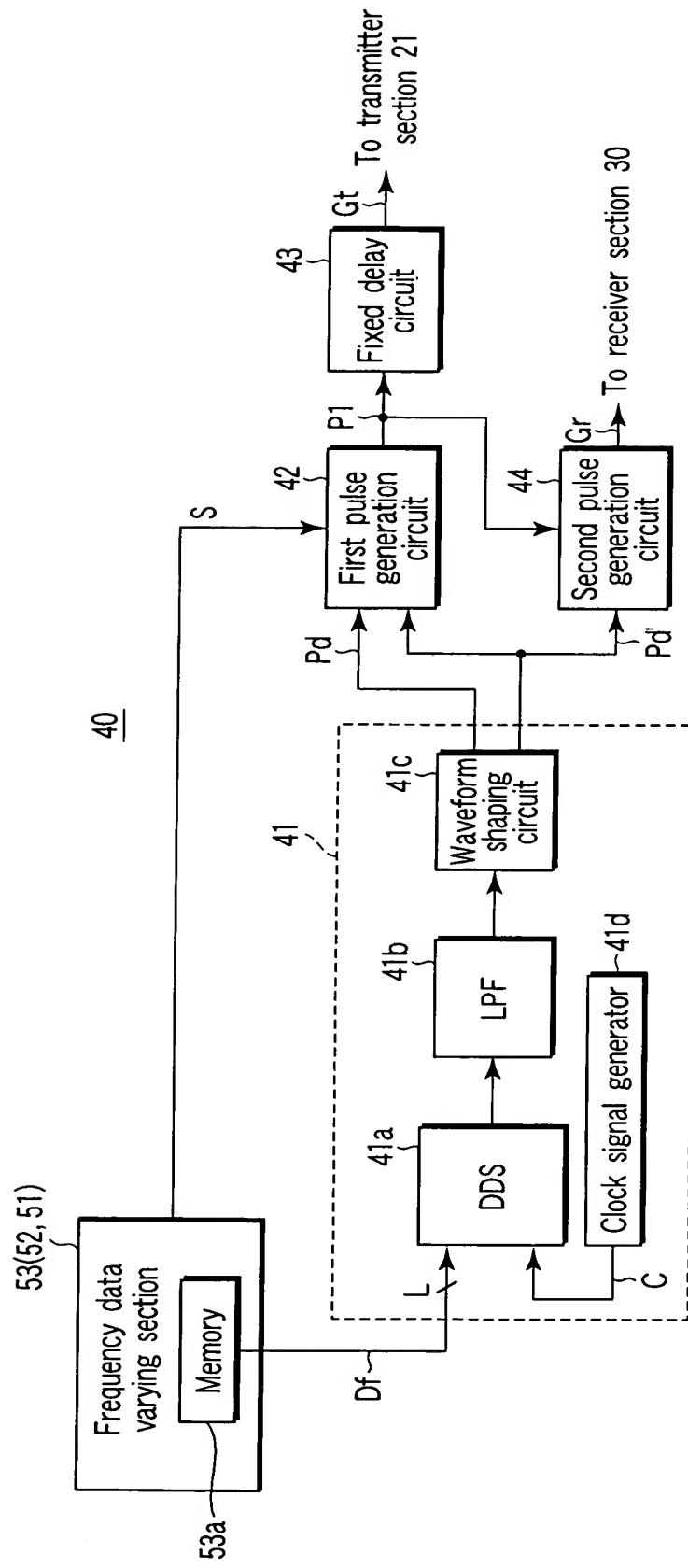


FIG. 7

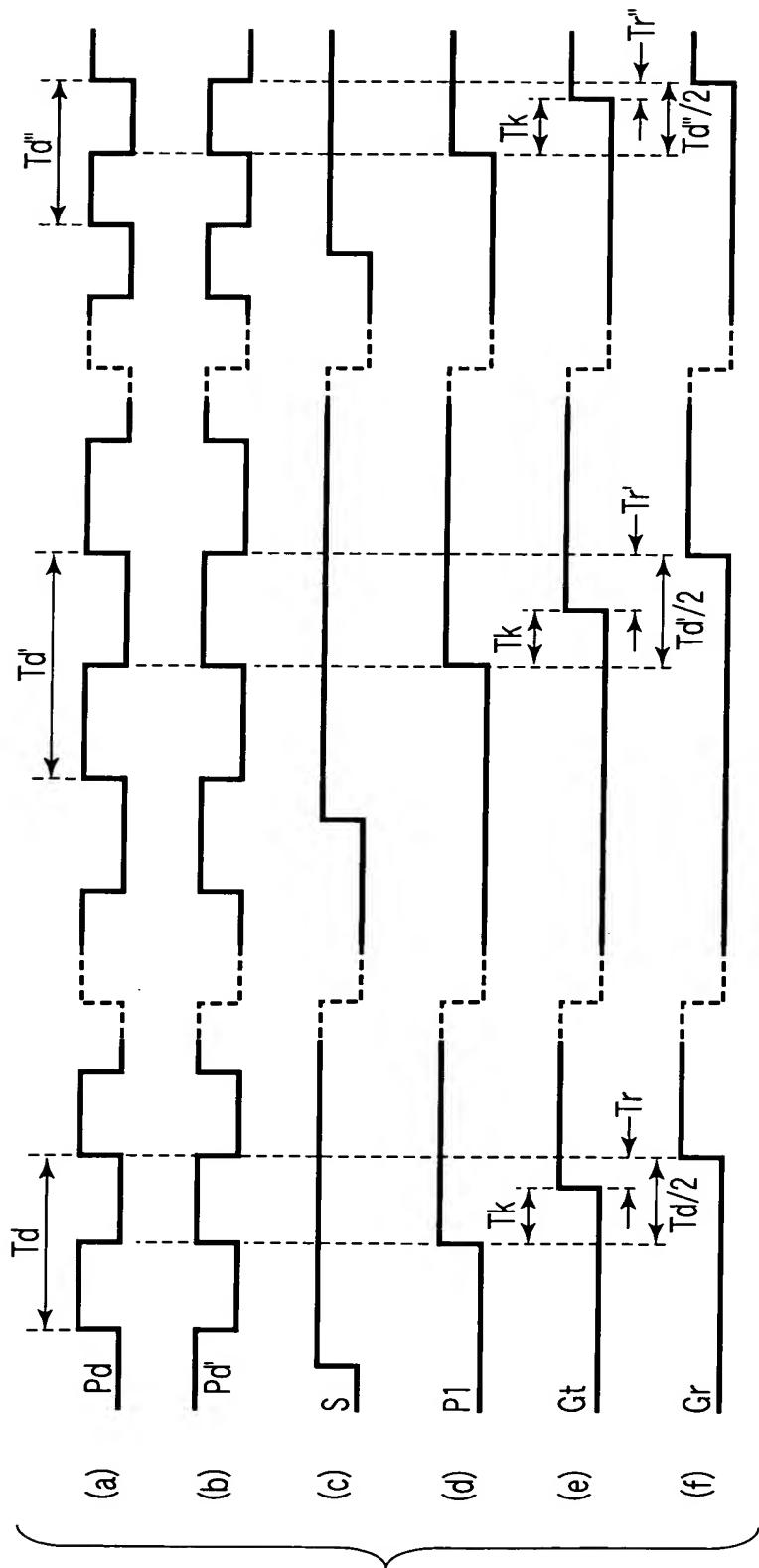


FIG. 8

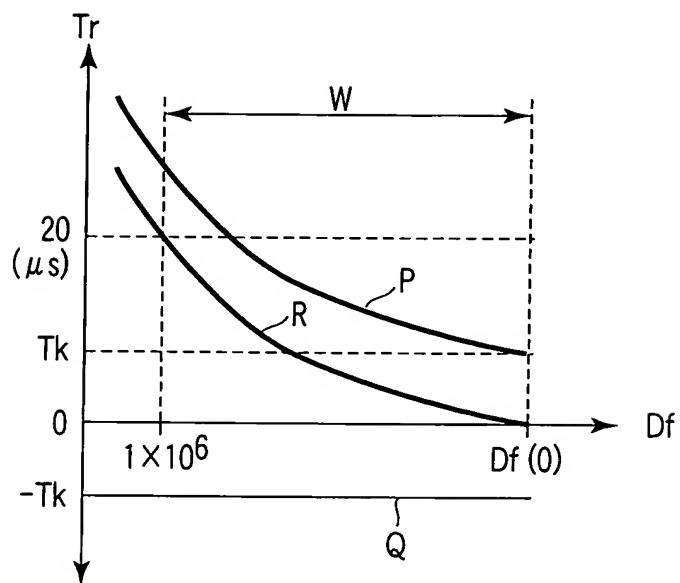
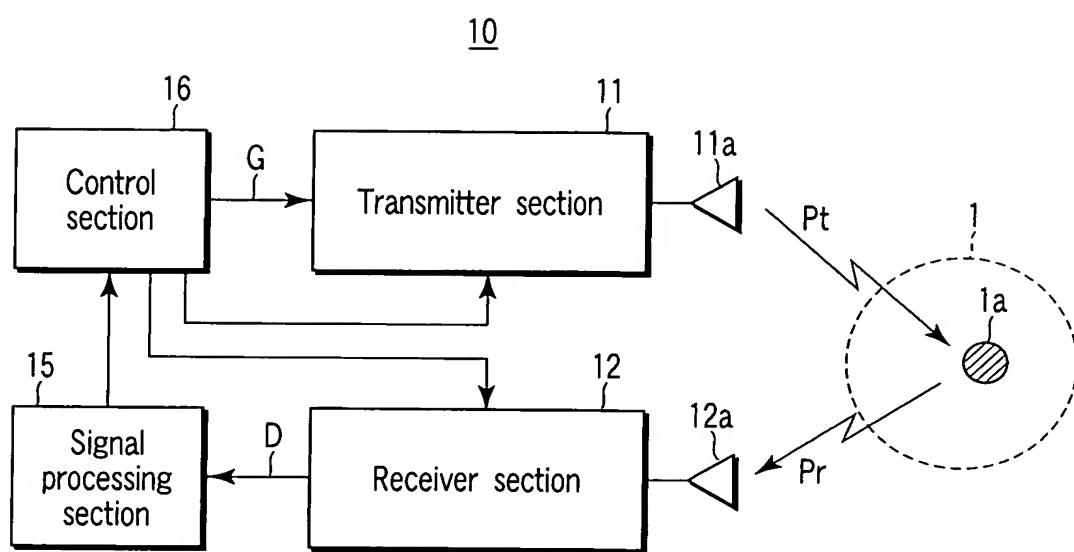


FIG. 9

FIG. 10
(PRIOR ART)

Df	fd	Td	Tr
$23 \times 2^{26} \approx 1.54 \times 10^9$	71.875MHz	13.9ns	0ns
$603 \times 2^{20} \approx 6.32 \times 10^8$	29.443MHz	33.96ns	9.982ns
$33 \times 2^{15} \approx 1.08 \times 10^6$	50.35KHz	20 μ s	10 μ s
$602 \times 2^{20} \approx 6.31 \times 10^8$	29.395MHz	34.02ns	10.01ns

FIG. 11

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Tr=0ns			Tr=9.982ns			Tr=10μs			Tr=10.01ns		
MSB			MSB			MSB			MSB		
0	1	0	1	1	0	0	0	0	0	0	0
31	30	29	28	27	26	25	24	23	22	21	20
19	18	17	16	15	14	13	12	11	10	9	8
7	6	5	4	3	2	1	0	0	0	0	0
LSB											
0	0	1	0	1	0	1	1	0	0	0	0
28	24	20	16	12	8	4	0	0	0	0	0
LSB											
0	0	0	0	0	0	0	1	0	0	0	0
28	24	20	16	12	8	4	0	0	0	0	0
LSB											
0	0	1	0	0	1	1	0	0	0	0	0
28	24	20	16	12	8	4	0	0	0	0	0

F | G. 12

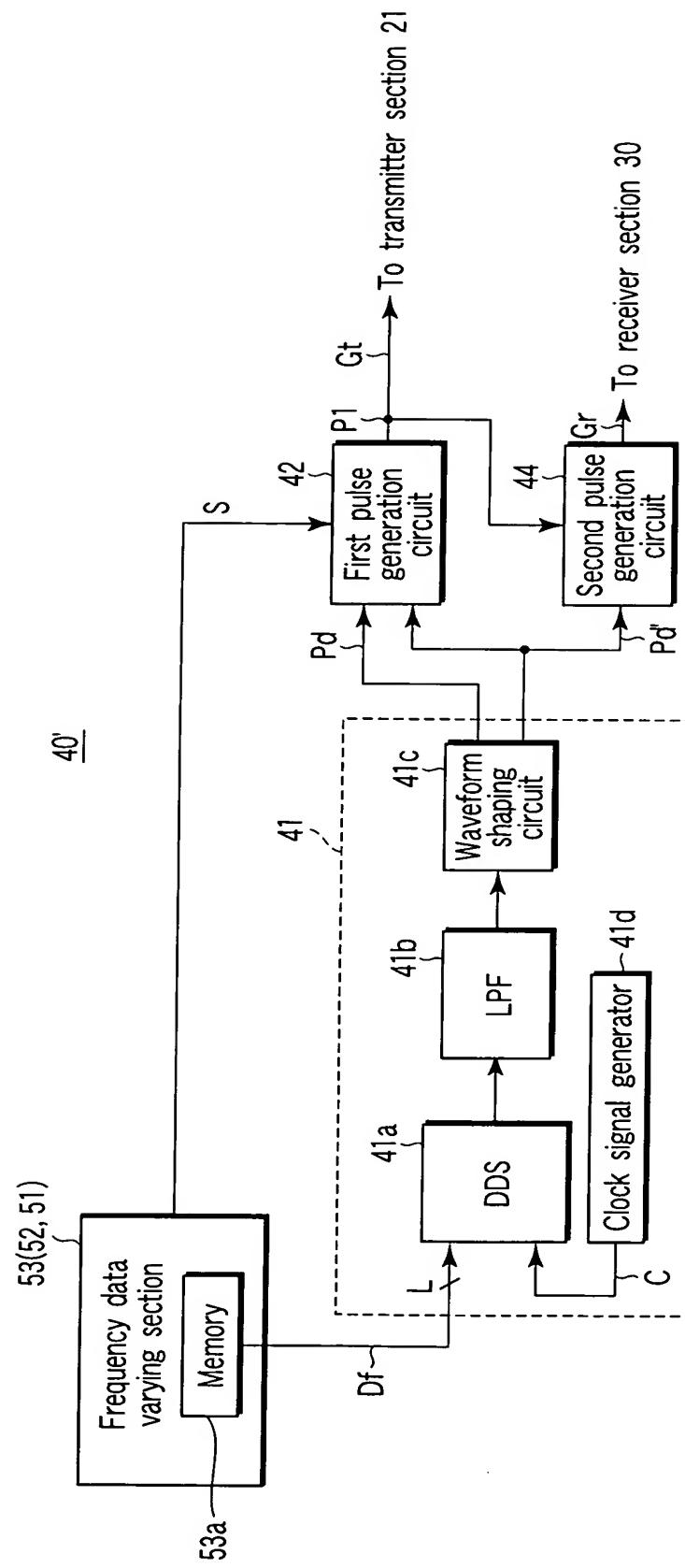


FIG. 13